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UTILITY PATENT APPLICATION TRANSMITTAL

ADDRESS TO:

Assistant Commissioner for Patents

Box Patent Application Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(S):

Wayne A. SAWDON, Frank B. SCHMUCK and James C. WYLLIE

TITLE:

WRITABLE FILE SYSTEM SNAPSHOT WITH DITTO ADDRESS FEATURE

ASSIGNEE INFORMATION PURSUANT TO 37 C.F.R. 1.76

ASSIGNEE NAME:

INTERNATIONAL BUSINESS MACHINES CORPORATION

ASSIGNEE RESIDENCE:

ARMONK, NEW YORK

In connection with this application, the following are enclosed:

XX Fee Transmittal Form

90 Pages of Specification, Claims and Abstract

30 Claims

31 Sheets of Drawings (FIGS. 1-17)

XX Declaration and Power of Attorney

XX Assignment recordation sheet with assignment to: INTERNATIONAL BUSINESS MACHINES

CORPORATION

XX Please direct all correspondence to Customer Number 23334

Respectfully submitted,

FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI P.L. One Boca Commerce Center 551 Northwest 77th Street, Suite 111 Boca Raton, FL 33487 (561) 989-9811 (561) 989-9812 Fax

RV.

on A. Gibbons

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Wayne A. SAWDON, Frank B. SCHMUCK and James C. WYLLIE

TITLE: WRITABLE FILE SYSTEM SNAPSHOT WITH DITTO ADDRESS FEATURE

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

				Rate	Basic Fee
For	Number Filed		Number Extra	Large (Small)	\$740 (\$370)
Total Claims	30	20	10	\$18 (\$9)	180
Independent Claims	8	3	5	\$84 (\$42)	420
Multiple Dependent Claims				\$280 (\$140)	0
Assignment Recording Fee				\$40	40
				TOTAL FEE:	\$ 1,380

- The Commissioner is hereby authorized to charge Deposit Account No. 09-0463 in the amount of _XX_ \$1380. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required XX_ under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. 09-0463.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

Atty Docket: POU920020009US1

Wayne A. SAWDON et al.

APPLICATIONS BRANCH

Serial No. (not yet assigned)

Filed: HEREWITH



For: WRITABLE FILE SYSTEM SNAPSHOT WITH DITTO ADDRESS FEATURE

CERTIFICATE OF EXPRESS MAIL MAILING

"Express Mail" Mailing Label No. **EL863783513US**Date of Deposit: **February 15, 2002**

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

SIR:

I hereby certify that

X Application Transmittal

X Fee Transmittal Form

X Specification, Claims, Abstract

X 1 set of 31 sheets of drawings

X Declaration and Power of Attorney

X Assignment Recordation Sheet with Assignment

X Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to:

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

Date of Deposit

Name of person mailing papers

Signature